

Title (en)
CAPACITY CONTROL VALVE

Title (de)
VENTIL ZUR KAPAZITÄTSSTEUERUNG

Title (fr)
SOUPAPE DE COMMANDE DE CAPACITÉ

Publication
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Application
EP 18827798 A 20180703

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Abstract (en)
[origin: EP3650695A1] The purpose of the present invention is to provide a capacity control valve for controlling a flow rate or pressure of a variable capacity compressor according to a valve opening degree of a valve section, the capacity control valve capable of improving operation efficiency of the variable capacity compressor. A capacity control valve (1) for controlling a flow rate or pressure of a variable capacity compressor according to a valve opening degree of a valve section includes: a valve main body (10) having a first valve chamber (14), a second valve chamber (15) and a third valve chamber (16); a valve body (20) having an intermediate communication passage (26) for allowing communication between the first valve chamber (14) and the third valve chamber (16), a first valve part (21a) arranged in the first valve chamber (14), a second valve part (21b) for opening and closing communication between the third valve chamber (16) and the second valve chamber (15), and a third communication hole for allowing communication between the third valve chamber and the intermediate communication passage; a solenoid (30) having a first plunger connected to the valve body (20); and a second plunger (37) arranged between the solenoid (30) and the valve body (20).

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